

Listing of Claims

This listing of claims will replace all prior versions, and listings, of claims in the application.

1. (original) A method for producing contoured laminated slate comprising the steps of:

- cutting a sheet of slate to a desired dimension;
- placing a form around the edges of the slate sheet;
- inserting resilient dams intermediate the slate sheet and the form;
- pouring a resin layer over the slate sheet to form a laminated slate precursor;
- allowing the resin to partially cure;
- removing the resilient dams and form;
- cleaving a slate veneer which is adhered to the resin from the slate sheet;
- placing the laminated slate precursor onto a contoured mold;
- pressing the laminated slate precursor to the mold surface;
- allowing the resin to completely cure; and,
- removing the contoured laminated slate from the mold.

2. (original) A method for producing contoured laminated slate as defined in claim 1 wherein the resin layer is poured to a depth of about 1/4 inch.

3. (original) A method for producing contoured laminated slate as defined in claim 1 wherein the slate veneer cleaved from the slate sheet is about 1/16 inch in thickness.

4. (original) A method for producing contoured laminated slate as defined in claim 2 wherein the resin comprises a two part polyether polyol/diisocyanate and additionally comprising the step prior to pouring of mixing in equal parts by weight polyether polyol and diisocyanate.

5. (original) A method for producing contoured laminated slate as defined in claim 4 further comprising during the step of mixing, the step of adding colorant compatible with the slate color.

6. (original) A method for producing contoured laminated slate as defined in claim 1 wherein the mold has a waveshape comprising multiple curves.

7. (original) A method for producing contoured laminated slate as defined in claim 1 wherein the mold has a single arc curve.

8. (original) A method for producing contoured laminated slate as defined in claim 1 further comprising the step of trimming the laminated slate edges.
9. (original) A method for producing contoured laminated slate as defined in claim 1 wherein the step of pressing includes placing sand bags on the surface of the laminated slate precursor.
10. (original) A method for producing contoured laminated slate as defined in claim 1 wherein the resilient dams are Styrofoam sheet.

Claims 11-19 are cancelled without prejudice as drawn to a non-elected species.